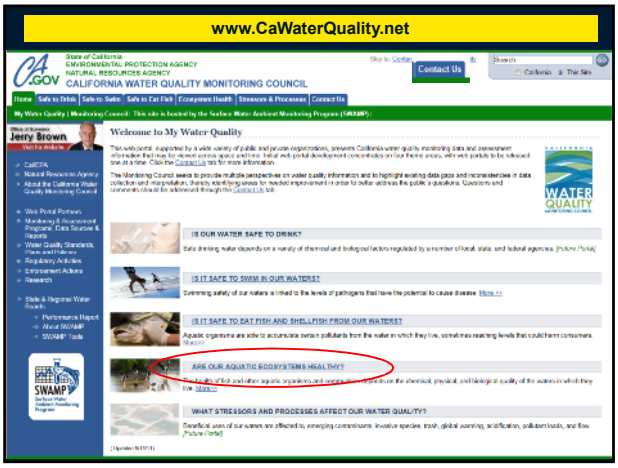
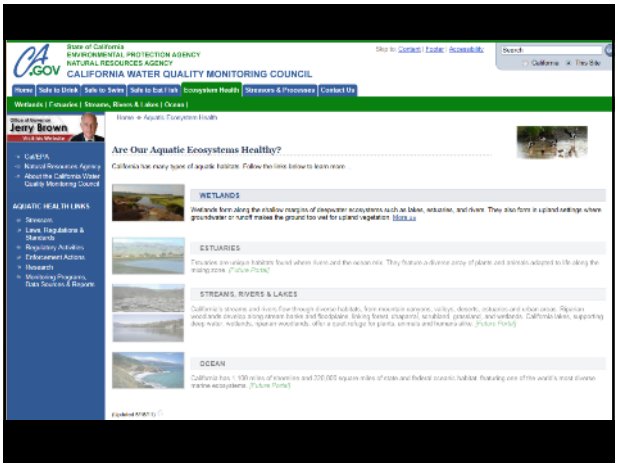
California Wetlands Portal and Project Tracking

www.CaWaterQuality.net



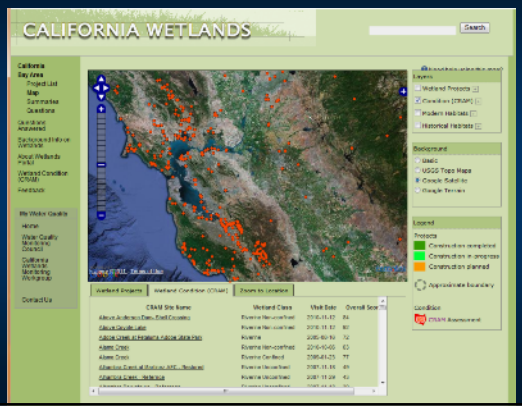


California Wetlands Portal

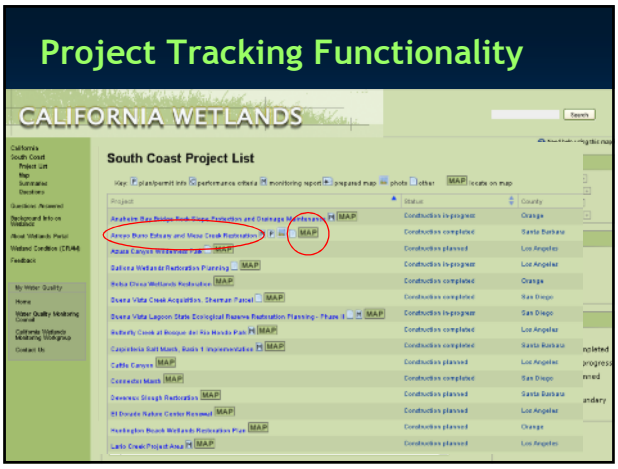
http://www.CaliforniaWetlands.net

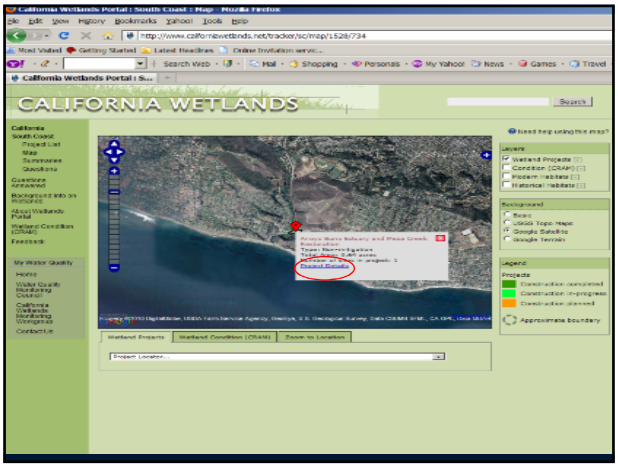
Wetland Tracker

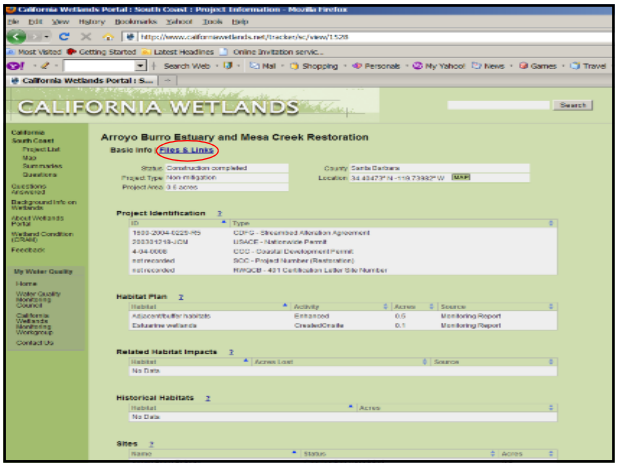
Wetland Tracker

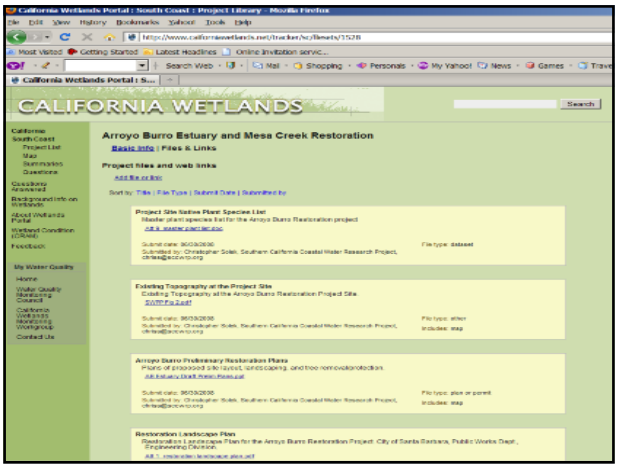


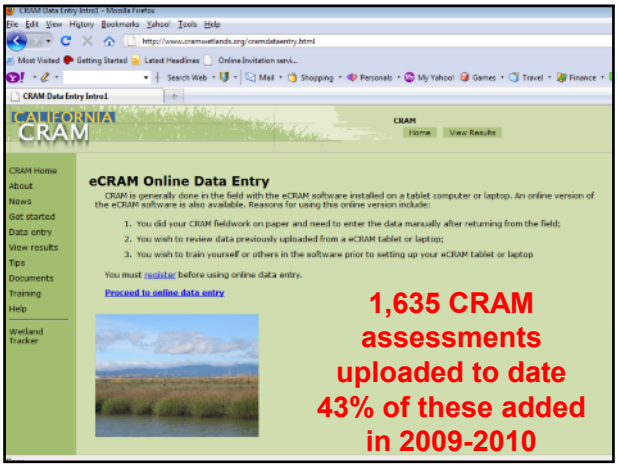
Project Tracking Functionality







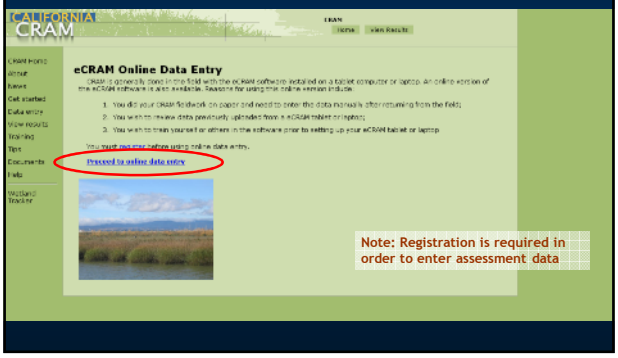




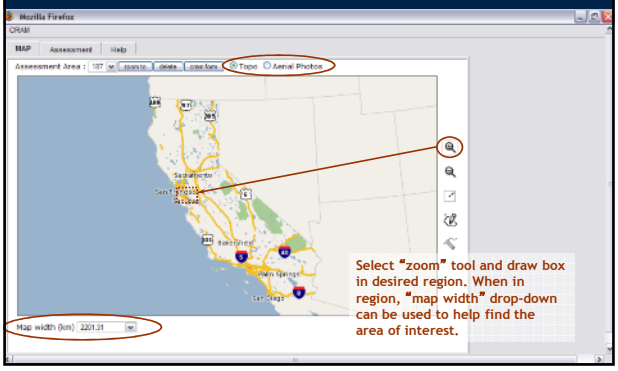
What is eCRAM?

- Web-based, open-source
- Data management and transfer
- Standard formatting
- Depository for CRAM scores
- Web-based viewer for CRAM results
- Runs online on CRAM website or can be loaded and run on local computer

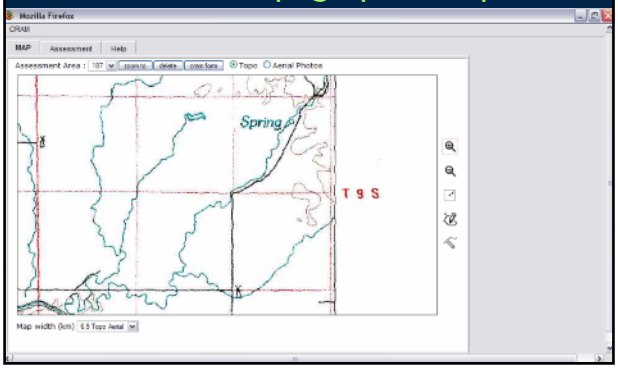
After Field Assessment: Input CRAM data



Prepare to enter Field Assessment: Zoom to site

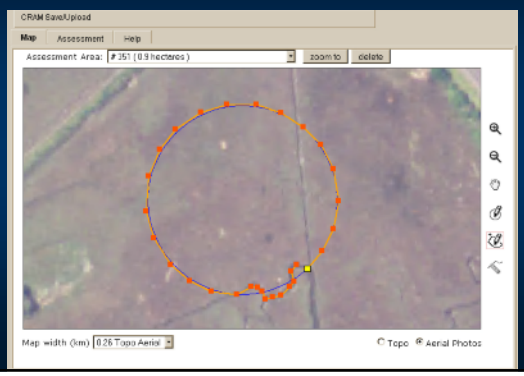


Prepare to enter Field Assessment: Examine topographic maps

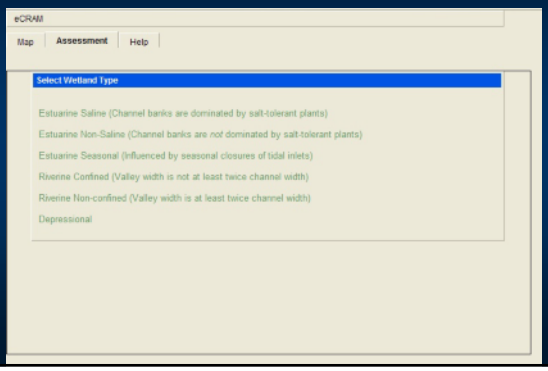


Prepare to enter Field Assessment: Examine aerial imagery

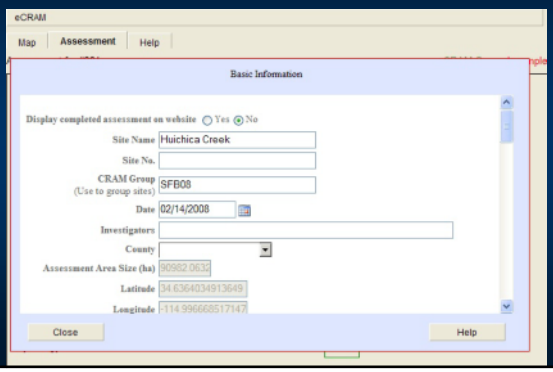
Draw Assessment Area boundary

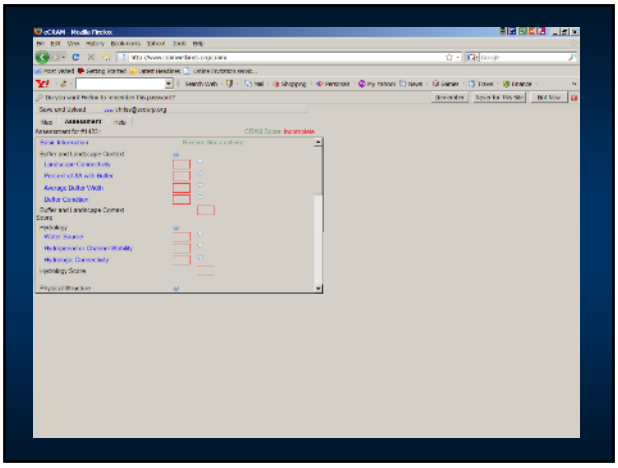


Select wetland assessment type

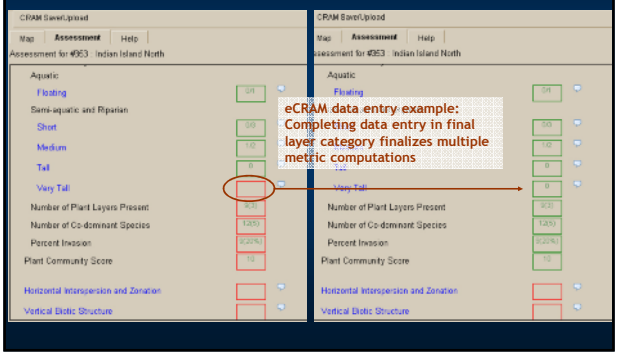


Enter site information

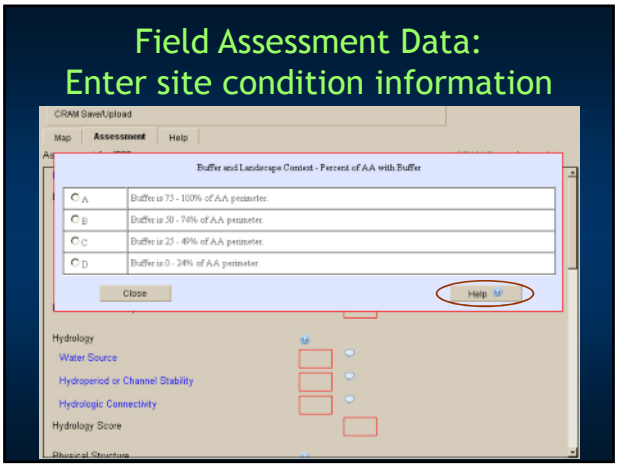


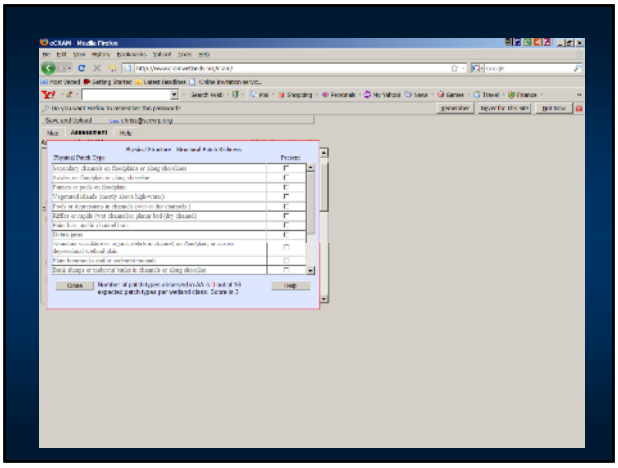


Automatic Analysis and QA

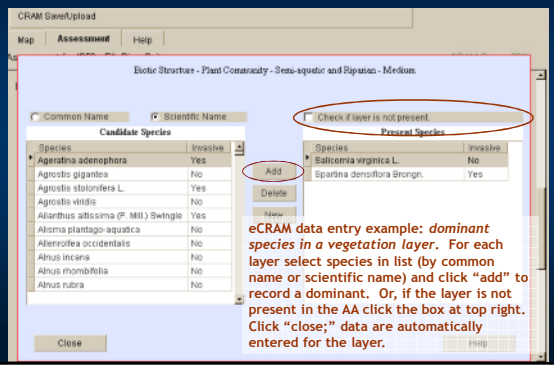


Field Assessment Data: Enter site condition information



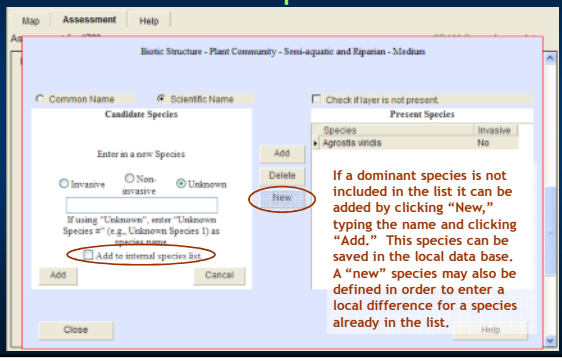


Field Assessment Data: Enter site condition information



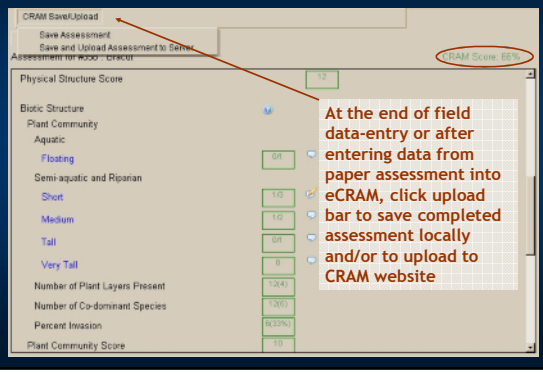
eCRAM data entry example: *dominant species in a vegetation layer*. For each layer select species in list (by common name or scientific name) and click "add" to record a dominant. Or, if the layer is not present in the AA click the box at top right. Click "close;" data are automatically entered for the layer.

Field Assessment Data: Enter new species to list



If a dominant species is not included in the list it can be added by clicking "New," typing the name and clicking "Add." This species can be saved in the local data base. A "new" species may also be defined in order to enter a local difference for a species already in the list.

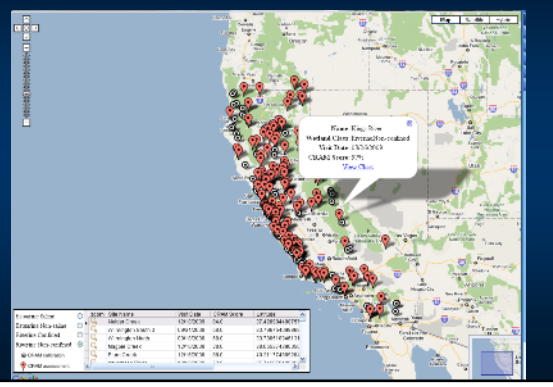
Upload CRAM data



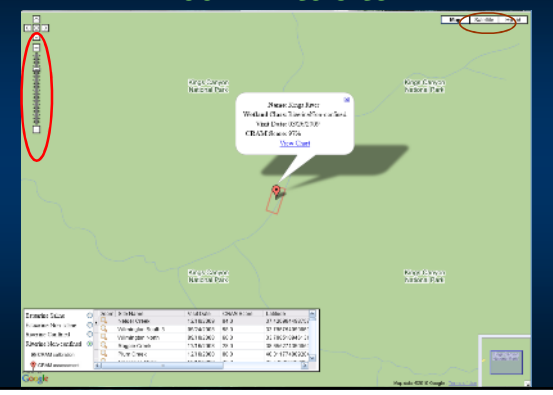
At the end of field data-entry or after entering data from paper assessment into eCRAM, click upload bar to save completed assessment locally and/or to upload to CRAM website

View data

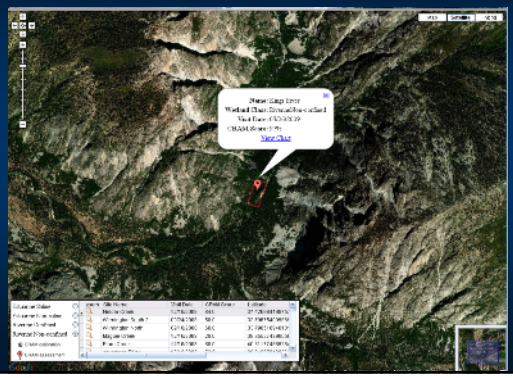
View data by selecting a site



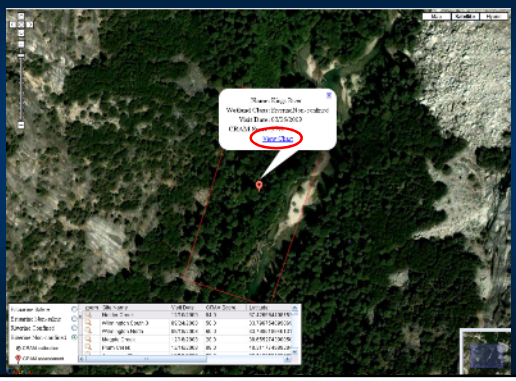
Zoom in to site



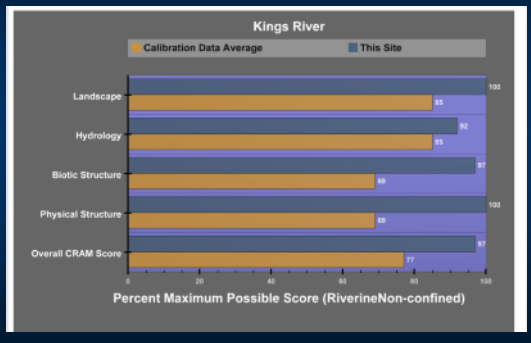
Toggle to aerial image



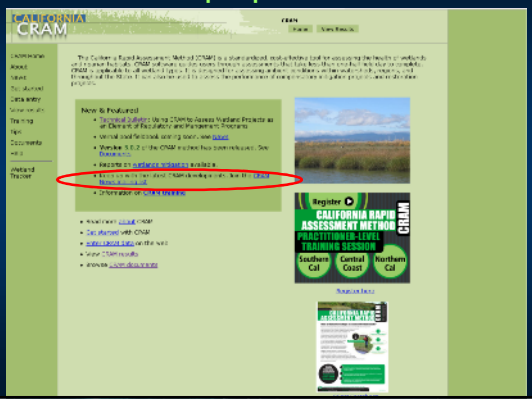
Zoom in to the Assessment Area



Compare Scores to Larger Data Set



Keep up to Date



Next Steps for the Portal

- Additional functionality via current funding
  - Merge eCRAM + Project Tracking → Portal
  - Additional reporting capability
    - CRAM reports output
    - Customized data queries and standardized reports
- Online mapping functionality
- Data entry via new user interface
  - 401 online application
- Additional data
  - Historical data
  - Level 3 data (coordinate with new 404 monitoring requirements)

Future of Tracker?